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Section 1.

Introduction

Congratulations! You have just purchased a Regency 4000 Series Security System; one of the most sophisticated and flexible security systems available today.

The electronic heart of your security system is the Model 4720 Control Communication panel. The 4724 Control Expander increases the versatility and ease of operation of your system more than ever before. It can monitor up to 144 separate zones (sensors) divided into as many as 8 areas. In addition, you can use up to 32 X-10 modules to control lights and appliances from any touchpad.

Everyday system control is accomplished through touchpads. Touchpads are normally installed in the master bedroom and main entries. Programmable in thousands of different combinations, they allow you to quickly and conveniently arm and disarm system functions and zones, providing an extremely high degree of tamper-proof security.

Your 4724 security system has a stand-by back-up battery to prevent system shutdown during power failures. Typically, you will not have to open the control panel cabinet once it is installed.

It is vital that you familiarize yourself with the information in this manual for optimum system performance and prevention of false alarms. It is also recommended that you keep this manual in a secure place for future reference.

Talk to your system installer if you have any questions about which features are included in your system. If anything covered in this manual differs from what your installation company representative has told you, follow your representative's instructions.



The 4724 Security System is UL listed for both residential and commercial burglary and fire use.

Section 2. System Overview

Monitoring Capabilities

Your Model 4724 security system is active 24 hours a day, monitoring for fire, police, and auxiliary conditions (depending on your needs), and touchpad activated alarms. The intrusion (burglary) portion of the system must be turned on and off (armed and disarmed) as people come and go.

See pages 31-32 for instructions on what to do when an alarm sounds.

Intrusion

It is important that your intrusion system be on any time your home or business is not occupied, and when occupants of a household are sleeping. The intrusion system can be armed or disarmed from any of the control touchpads. In a typical residential situation, the system will be armed at night from the bedroom touchpad, and armed again when occupants leave the house in the morning. A typical commercial building will be armed on evenings, weekends, and holidays.

One or more of your doors have been "sensored" (using door contact switches, motion and smoke detectors, and so on) to allow entrance and exit alarm delays. This is done to give you an adjustable, pre-programmed amount of time to leave after arming the system, without setting off an alarm. (It is usually 20 to 25 seconds, but check with your installing company to make sure of the exit delay time programmed for you.)

Fire

If your alarm specialist installed smoke detectors or heat sensors, you have 24-hour fire protection. Fire protection is active even when your system is disarmed. If a fire is sensed, your system touchpad will sound a local alarm and send a fire alarm signal to your security installer's monitoring station.

Tamper Alarm

Certain components of your security system can be protected against attempts to disable them and prevent the system from operating properly. Items such as outside bell or siren enclosures, the control cabinet, and telephone equipment are subject to unauthorized access and tampering. Your system can be designed to monitor and report these conditions to the central station.

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Auxiliary Alarm

Your system can be designed to monitor one or more conditions that are not directly related to security, but do require a prompt response to prevent some other problem or physical damage from occurring. Typical auxiliary alarms could indicated conditions such as furnace, freezer, or equipment failures, water level, and so on. Although none of these conditions is a security concern, early detection and appropriate action could save money or property. Ask your security company representative for specifics in your particular operation.

Emergency and Panic Alarms

A panic alarm is a user-activated alarm such as a touchpad panic button or personal wireless panic transmitter. A panic alarm condition would indicate that you are at home and manually signaling an emergency condition or break-in attempt. Emergency alarms can be programmed to be sent to service providers such as the police through your central station. You can manually send this type of alarm by pressing one of the panic buttons on a system touchpad (see page 9).

Access Codes

An access code is a confidential 4 to 6 digit number. You enter this code into the system touchpads to program, arm and disarm, and command all functions of the system. The 4724 supports up to 255 access codes.

Note: When selecting access codes for your system, do not use numbers such as 1111, 2222, and so forth. While they are easy codes for you to remember, they may also be easy codes to break.

Installer's Code (Code 0)

Your installation company uses this special code to install and initially program your system. It can also be used to arm and disarm your system, both from the touchpads and from the central station (by telephone lines).

If you do not want the installation company to have access to your system once it has been installed, ask the installer for the installation code and instructions for changing it. Once you have changed the code, only you can arm and disarm the system. If it becomes necessary to change the programming of your system, you will have to give the installation company the new code. Talk to your installer about the installation code. There are many reasons why you might want your installation company to be able to access your system at any time.

Main User's Code (Code 1)

Warning

Without this number, it is virtually impossible for anyone to reprogram or reset your security system.

Code 1 (sometimes known as the master code) enables you to change other code numbers, and change the day and time shown on your touchpad liquid crystal display (LCD) and optional printer. This main user code number can be written down on page 40 and stored for periodic use in a safe place.

Primary Access Codes (Codes 0-255)

These primary codes are the basic keys to your security system. They can be programmed to allow the user to arm and disarm the system, operate door access functions, and bypass (deactivate) zones. Access can be restricted to certain areas or to card users only.

Primary codes can be individually programmed with specific time windows appropriate for each employee or user. This allows access to be granted only when the person needs to be in the building. For example, shift workers in the evening hours only, or part-time workers for their scheduled work hours only.

Secondary Access Codes (Code 2 feature)

Secondary access codes are any codes (2-999) programmed to be used by temporary users such as guests and cleaning persons. Secondary code users can usually only arm the system, not disarm. Activating the Code 2 feature when arming the system before you leave the building enables secondary users to disarm the system once. Arm-only conditions are restored when the system is disarmed with any code.

Note: Normal 4724 programming grants all codes disarm capabilities. However, special secondary code parameters can be reprogrammed by your security system installing company if you need them.

Your security company representative will help you to program Code 2 parameters as well as all the code numbers you need initially for each code type (you can change them later if needed).

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High Security Door Access Code (Optional)

Note: This product is not listed for UL 294 access control systems.

You can provide a higher level of security for door access control and restrict access to certain doors or users. When using the high security option, both the user's access code and a common high security code (code 255) is required to unlock a protected door. As a benefit, this means that only one code has to be changed when access requirements change.

This feature protects against unauthorized access to areas such as sensitive document storage, government security projects, and so on.

Note: You can easily change the primary codes and the high security door access code at any Model 4660 touchpad whenever necessary, to deny access to terminated or transferred employees (see pg. 24).

Touchpad Descriptions

This section describes the touchpads that can be used with the 4724.

Touchpads that are not UL listed (Models 4533, 4553, and 4563) can be used with the 4724, but may have slightly different buttons or indicator lights.

Models 4660C and 4660R

The 4660C or 4660R touchpads are used to program options an operate most functions of your security system (see Figure 1 and Figure 2).

The Model 4640 intercom/telephone module can be used with either touchpad to provide full, 2-way intercom communication.

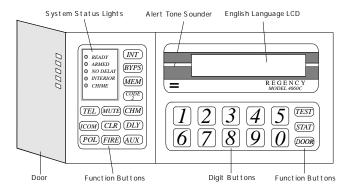


Figure 1. Model 4660C LCD Touchpad

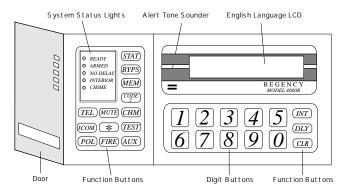


Figure 2. Model 4660R LCD Touchpad

Model 4533, 4553, and 4563 Touchpads (not UL listed)

The INSTANT button and indicator light on these models function the same as the DLY button and the NO DELAY indicator light on the Model 4660 touchpads. The CHM/INT button combines the functions of the CHM and INT buttons. Press CHM/INT to perform the Chime or Interior functions.

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System Status Lights

The lights on the top left of the touchpad provide information about your system, including features that have been enabled or disabled. The table below describes the LED (light-emitting diodes) functions of the 4660 touchpads.

	On	Off	
O READY	All zones in the area(s) controlled by this touchpad are ready to arm.	Either all areas controlled by this touchpad are armed, or none of the areas are ready.	
	Flashing. Some areas have Not Ready zones.		
O ARMED	All areas controlled by this touchpad are armed.	None of the areas controlled by this touchpad are armed.	
	Flashing. Only some areas controlled by this touchpad are armed.		
O NO DELAY	All zones controlled by this touchpad that are programmed for time-delayed entries and exits are set to No Delay. The delay time is disabled, so the sensors will activate alarms immediately.	None of the areas controlled by this touchpad have delayed zones that are instant.	
	<u>Flashing</u> . Only some areas controlled that are instant.	by this touchpad have delayed zones	
● INTERIOR and ● CHIME (Both lights will be on, off, or flashing.)	Armed. All areas controlled by this touchpad have interior zones enabled (will sound a chime if someone enters). Disarmed. All areas controlled by this touchpad have chime zones enabled (will sound a chime if someone enters).	Armed. None of the areas controlled by this touchpad have interior zones enabled. Disarmed. None of the areas controlled by this touchpad have chime zones enabled.	
	<u>Flashing</u> . If armed, some areas controlled by this touchpad have in zones enabled. If disarmed, some of the areas controlled by this tou		

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have chime zones enabled.

Touchpad Buttons

Buttons always visible on the touchpad are for frequently used functions such as arming, disarming, and door access.

The buttons hidden by the door on the left side of the touchpad are for specialized system control such as zone bypassing, system testing, and programming. Some of these functions can be performed only by the installer. The 4660C and 4660R touchpads are shown on page 5.

Button	Description
(TEST)	Used to enter a variety of test and programming commands.
(STAT)	Used to display zones that are in Not Ready or trouble conditions.
*	When used with the proper access codes, this button allows authorized access to specific building areas and equipment. Also used to activate X-10 devices.
DOOR	
12345 67890	Used to enter numerical information, such as access codes.
<u>INT</u>)	Used for intrusion protection. Allows you to arm the perimeter of your home, leaving the interior disarmed for free movement.
BYPS	Used to bypass (deactivate) individual zones (sensors) from system monitoring or control. It also allows you to check which zones have been bypassed.
(MEM)	Used to view stored information about alarm occurrences.
CODE 2	Controls whether or not secondary access codes can be used to disarm the system. Also used to activate X-10 devices.

Touchpad buttons continued on next page.

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Touchpad buttons continued.

Button	Description
(TEL)	Controls the telephone functions. See page 19 for details.
(press twice)	Silences audible trouble alert tones or exit program mode and return the system to normal operation.
СНМ	Armed Areas. Used to enable and disable interior zones. If an interior area is enabled, an alarm will occur if someone enters the zone. Interior zones are usually not disabled in commercial applications.
	<u>Disarmed Areas</u> . Used to turn the chime feature on and off. If the chime is on, a bell-like tone will sound whenever someone enters the zone. In program mode, this button restores the factory default data.
	area controlling touchpads, the Chime, Delay, and Code 2 functions can d only from the area menu (after entering the access code).
(ICOM)	Allows communication with other intercom touchpads or with an outdoor intercom (see page 18).
CLR	If you make a mistake while entering a code or command, press this button and start over. Used to exit the area menu.
(DLY)	Used to change entry zones from delayed to instant.
(POL)	When pressed and held for one full second, the "panic" buttons activate a police, fire, or other emergency alarm to the central monitoring station.
AUX	

Section 3.

Using Your Model 4724 Security System

This section provides operating instructions for each of your Model 4724 security system functions or capabilities. Go over each with your installer if you have any questions, and practice them until you feel comfortable with the day-to-day operation of each function.

Note: You have a 5-second timeframe to enter each digit of your access code. If you pause for more than 5 seconds, you will hear a short beep and the touchpad LCD will read TRY AGAIN.

If make a mistake entering your code, you can also press the CLR button and start over again.

The following function descriptions are written for installations with singlearea access capabilities. For systems allowing access to multiple areas, refer to the table on page 17.

Arming Your System

When leaving your home or business, you will want to arm the intrusion protection of your security system using the procedures in this section.

When you attempt to arm the system and the READY light is not on or the LCD reads NOT READY, it usually means that one or more of your building's zones are not prepared for system arming. (Not Ready conditions can be a door or window left open.)

Press the STAT button to display the number and location of the Not Ready zone. When the condition is corrected (for example, you have closed the door), the READY light will come on. If you cannot correct the problem, you must bypass it before you arm the system (see page 14).

If the touchpad shows a TROUBLE message when you attempt to arm the system, contact your central station for servicing immediately. You can, however, press STAT to display the trouble condition. Do NOT attempt to arm the system until the trouble condition is cleared because your system will not be fully operational.

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Fully Arming the System

- 1. Press the INT button. The INTERIOR light will come on.
- 2. Make sure the green READY light is on, and the ARMED light is off.
- 3. Enter your access code (4 to 6 digits) on the touchpad.

When you finish, the green READY light will go off, the red ARMED light will come on, and your system will be armed.

You then have a specified time to exit. (You and your alarm company will have determined the exact number of seconds necessary, and written it in the data section at the end of this manual.) The touchpad may give you an exit warning tone with beeps to count down your exit time (optional). You must be out of the building with the door shut before the time runs out or an alarm will sound.

Arming the Perimeter Only

For intrusion protection when you remain at home, you can arm the outside doors and windows and leave the interior disarmed to allow free movement inside your house.

- 1. Make sure the INTERIOR light is off (if it is on, press INT).
- 2. Enter your access code. The ARMED light will come on and the READY light will go off.

Arming the Interior

At night, you can set the alarm system from your bedroom touchpad to alert you to an intrusion anywhere inside your home. No timed entry or exit delays will be granted for anyone entering the house, and no movement will be allowed inside the house.

- 1. Press INT DLY.
- 2. Enter your access code.

The NO DELAY, INTERIOR, and ARMED lights will come on and the READY light will go off.

To turn the no delay alarm condition off when you get up in the morning, simply press the DLY and INT buttons again. Your system will only be armed on the perimeter, assuming the Interior Lock While Armed option was not selected during programming.

Disarming Your System

To disarm, simply enter your access code (4 to 6 digits) on the touchpad.

When you return and open a door on the delay circuit, an entry warning tone will sound and you will have a programmed amount of time to enter and disarm the system.

The warning tone will stop as soon as you enter the first digit of your access code, allowing you to clearly hear the beeps as you finish entering your code.

The ARMED light will go off, and the READY light will go back on.

Resetting Alarms

After an alarm condition occurs, you can silence the local touchpad sirens by entering your access code. Secondary users can reset alarms only if the Code 2 function is enabled (see page 16).

Viewing Not Ready Information

If the LCD reads indicates that the system is not ready to be armed or that a trouble condition exists, you can locate the problem by pressing STAT.

See page 35 for trouble condition displays. Before you can arm the system, you must identify and correct the Not Ready condition.

The STAT button can also be used to obtain the following information:

Press	The LCD will display:
1 STAT	All the zone numbers and names in the areas controlled by this touchpad.
2 STAT	The touchpad number and location.
4 STAT	The current version of the 4724 software.

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Viewing Alarm, Trouble, and Supervisory Conditions

Viewing Alarms

When an alarm occurs, the touchpad displays ALARM on the first line of the LCD. Press MEM to view the location of the alarm.

Viewing Trouble and Supervisory Conditions

When a system trouble or sprinkler supervisory condition occurs, the touchpad will beep and display TROUBLE or SUPERVISORY on the first line of the LCD. Press STAT to view the location of the condition.

Viewing Alarm/Event Memory

The 4724 stores information about alarms and other system occurrences in Alarm Memory and Event History.

Alarm Memory

Press MEM to display the zone number and location of any alarms that have occurred since the last time the system was armed. Alarms remain in memory for a single arming period. The next time you arm the system, memory from the previous arming period is automatically erased.

Event History

Event history records up to 500 events, including alarms, trouble conditions, tests, and door access. To view all events that have occurred since a particular date, first press [] MEM]. When prompted to do so, enter a start date. All alarms that have occurred on or since that date will be displayed.

To view the complete event history (up to the last 500 events), enter $\boxed{0}$ $\boxed{0}$ $\boxed{0}$ as the starting date.

To erase events stored in event history, press 1 0 TEST.

Silencing Trouble Sounds

To silence a trouble condition alert tone, press MUTE MUTE. In a multiarea system, you must first enter a code and then press MUTE for each area. The LCD will read SILENCED instead of TROUBLE (see page 37). If a new condition occurs, the TROUBLE display and alert tone will be reactivated.

If your system has a trouble condition, it will not be completely functional until the problem is repaired. See page 35 for more information on trouble conditions.

Bypassing Zones

You may need to bypass certain zones at certain times. Remember that while a zone is bypassed, there is no protection on that zone. Do not give the code that allows for bypassing to casual users of the system such as cleaning or delivery persons.

The BYPS button is used to disable individual zones. You cannot bypass 24-hour fire and panic zones.

- 1. Enter the number of the zone you wish to bypass.
- 2. Press BYPS.
- 3. Enter your access code, if required.

If the touchpad beeps and displays RESTRICTED, you have attempted to bypass a fire or emergency zone that cannot be bypassed.

To find out what zones are bypassed, simply press BYPS. The LCD will show the number and location of bypassed zones.

Unbypassing Zones

- 1. Enter the number of the zone you wish to unbypass.
- 2. Press BYPS.
- 3. Enter your access code, if required.

If the zone is in a Not Ready condition and the area is armed, the LCD will read RESTRICTED ZONE. You will not be able to unbypass the zone because doing so would cause an alarm.

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Activating Chime Sounds

The chime function causes a chime to sound whenever any chime zone sensor (typically a door) is activated while the system is disarmed.

When the system is disarmed, you can turn the chime function on and off by pressing CHM. If the touchpad controls more than one area, you must first enter a code.

The Chime and Interior functions are controlled together, but have different operation depending on whether the system is armed or disarmed. Chime applies to disarmed systems, interior applies to armed. See page 11 for interior functions.

Sending Silent Duress (Hold Up) Alarms

If forced to disarm the system under duress, for example, during an armed robbery, you can still trigger an alarm.

A duress alarm is silently transmitted to the alarm central station by pressing a predetermined 1-2 digit duress code (record on page 40) before entering your access code. The system lights and alarms will not indicate that a silent duress alarm is being sent.

Activating Emergency Alarms

To generate immediate alarms to the central station, press one of the panic buttons (POL, FIRE, and AUX) for one full second.

To rest the system and stop the sounding of the alarm tone after a fire or other emergency is over, simply enter your access code.

Activating X-10 Module

Note: The Model 4181 and the X-10 modules are for supplementary use only and are not UL listed as control unit accessories.

If your system includes a Model 4181 Power Line Interface, you can use X-10 compatible modules to control lights and activate appliances in up to 32 locations in the installation. You can use any system touchpad to control these modules. They can also be programmed by your installer for automatic activation.

Your installer has assigned a one-letter house code to each module. Each module also has a pair of digits associated with it. This information is

shown on pages 38-39. Work with your installer to decide which light or appliance will be controlled by each module.

- 1. Enter digits from the chart on pages 38-39.
- 2. Press the * (or DOOR) button.
- 3. Press 1 to turn the module on, or 0 to turn it off.

Code 2 Operation

active.

Under normal operating conditions, anyone to whom you assigned a secondary access code can arm your security system one time, but cannot disarm. However, when you enable the Code 2 feature, an authorized person (maid, baby-sitter, gardener) can also disarm the system once.

Press CODE 2 + primary access code to activate the Code 2 function. When the system is disarmed using any access code, Code 2 is no longer

Note: For multi-area systems, Code 2 is activated per area from within the Area Arm menu (see page 17).

Activating Doorstrikes

The * or DOOR button is used to activate doors in areas programmed for authorized access only. Your installing company may program your system to disarm automatically when door access is granted. If this is the case, all areas assigned to the door station and code are disarmed at the same time.

- 1. Press DOOR.
- 2. Enter the proper access code.

Activating High Security Doorstrikes

With this optional feature, you can designate some locations within your installation as high security areas, allowing access to specified users only.

- 1. Press * or DOOR. The LCD will read ENTER CODE.
- 2. Enter your access code. The display will read ENTER CODE B.
- 3. Enter the high security access code (code 255; see page 66).

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Multi-Area Access Functions (Area Arm Menu)

In a split arming system, some users and touchpads may be granted access to multiple areas. The system response is different for these users. When the access code is entered, the display shows the status of the first area to which the user has access. The Area Arm menu will be displayed and the key prompts repeat continuously on the second line.

The following table explains the Area Arm menu functions:

Table 1. Area Arm Menu (Button Functions)

Button	Function	
0	Disarms any areas to which the user has access and returns to the normal operating display. Resets alarms for any areas in alarm.	
1	Causes area status to change from armed to disarmed and vice versa. Also resets alarms in area(s).	
2	Arms any areas to which the user has access, and returns to the normal operating display. (The areas must be ready to arm.)	
TEST	Displays the status of the next area in the user's group of areas. Can be used to examine each area's status until you press CLR.	
$CODE \choose 2$	Controls whether or not secondary access codes can be used to disarm the system for the area displayed.	
<u>CHM</u>	Turns the area's chime zones on and off. (The system must be disarmed.)	
(INT)	Turns the area's interior (armed) zones on and off. (The system must be armed.)	
(DLY)	Enables or disables the entry and exit delays for the area.	
3	Allows the user to reset the arm delay. After pressing this button, enter the number of minutes desired and press TEST. Press 0 to cancel the auto arm.	
(STAT)	Shows Not Ready zones in the area.	
(MUTE)	Silences trouble condition for each area in the Area Arm menu.	

Important: When a multi-area system has an alarm condition, all areas that are in alarm must be reset before the alarm can be silenced.

Intercom Operation

In conjunction with the Model 4640 Audio Module, the 4660C and 4660R touchpads can function as an intercom system providing two-way or listen-only communications.

Note: The intercom feature is not UL listed.

Two-way Communications on All Intercoms (Paging)

Press ICOM so that all touchpads attached to your system can communicate with each other.

To turn off, press ICOM.

Two-way Communications on One Intercom

- 1. Press the number of the touchpad you wish to call.
- 2. Press ICOM.

To turn off, press ICOM.

Listen-only Communications With All Intercoms

- 1. Press the 1 key.
- 2. Press the 0 key.
- 3. Press ICOM.

To turn off, press ICOM.

Listen-only Communications With One Intercom

- 1. Press the number of the touchpad you wish to listen to twice (for example, press 1 1 to listen to intercom 1).
- 2. Press ICOM.

You can now hear activity in that touchpad intercom area, but they cannot hear you.

To turn off, press ICOM.

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Preprogrammed Time-out

The time-out option allows you to automatically limit touchpad intercom or telephone usage to anywhere between 15 and 255 seconds. The touchpad intercom (or telephone) will automatically hang-up after the programmed time has elapsed, emitting a warning beep 10 seconds before it turns off.

Telephone Operation

Your touchpad can function as an intercom, or as a "hands-free" telephone, if the Model 4640 Audio Module and Model 4140 Telephone Intercom Controller are included in your system. If programmed timeout has been selected, the telephone will timeout after the same number of seconds as the intercom.

Basic Telephone Operation

То:	Steps	
Answer the phone	Press TEL.	
Place a phone call	1. Press TEL .	
	2. Enter digits of the phone number you wish to call (up to 12 digits).	
Hang up	Press TEL.	
Put caller on hold	Press MUTE.	
The touchpad will beep while the Mute function is activated.		
Remove hold	Press MUTE .	
Transfer a call to another touchpad	1. Answer an incoming call by pressing TEL.	
	2. Put caller on hold by pressing MUTE.	
A short beep will sound while the call is on hold.		
	3. Press the number of the touchpad to which you want to transfer the call.	
	4. Press ICOM and announce the call.	
	5. To complete the call transfer, the person receiving the call must press TEL.	

Automatic Redialing

The 4660C and 4660R touchpads can store two 12-digit phone numbers.

- 1. To redial the last phone number called, press 9.
- 2. Press TEL.

Preprogrammed Time-out

The time period is the same as the intercom time-out (see page 19).

Memory Dialing

То:	Steps
Store a phone number in memory	Press TEL. Press digits of the phone number you wish to store.
	3. Press MEM.4. Press either digit 1 or 2 (for memory location 1 or 2).
The phone number is now in mem	ory and a call has been placed to the phone number.
	5. Press TEL to terminate the call.
Dial a memory phone number	1. Press digit 1 or 2 (for memory location 1 or 2).
	2. Press TEL.
Clear a phone number from memory	1. Press TEL.
memory	2. Press MEM.
	3. Press either digit 1 or 2 (for whichever number you wish to erase).
	4. Press TEL.

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Section 4.

Programming Your Model 4724 Security System

Your security dealer or installer will complete all initial programming for you. However, as time goes on, you will undoubtedly want to make changes.

You can access the 4724 built-in programmer from any touchpad with an LCD. This section shows you how to program some system features directly from the touchpad. Before you begin programming, make sure that all areas are disarmed.

Entering Program Mode

To enter programming mode, press 1 1 TEST + your main user's code.

Once you are in programming mode, the available menus display continuously on the second line of the LCD until you select one. The menus are:

- 0 Time Windows
- 1 Access
- 2 Holidays
- 3 DST Dates

To access a menu, press the menu number + TEST.

Note: Your system is disabled while you are programming. You will not be protected until you exit programming mode.

Viewing Menu Selections

Pressing the TEST button lets you view the current option settings in a menu. The top line of the display shows the option description and the current setting. The bottom line displays the keys that are available to you. Continue to press TEST until you locate the option you want to change.

Some menus (Access, for example) repeat options for many numbered items. The first step in the menu allows you to choose which numbered item you wish to program. When you have finished programming the options for that item, the menu advances to the next numbered item.

Programming Options

For some options, the available choices are numbered and appear on the bottom line of the display. To choose a new option setting, press the number shown by the desired choice. The second line of the touchpad display will show the new choice.

For options that you either select or do not select, press 0 for No and 1 for Yes.

Press the TEST button after making programming changes to accept changes, similar to the way you use the ENTER key on a computer.

If You Make a Mistake While Programming

If you make a mistake in programming and have not yet pressed TEST, press CLR. The LCD will show 0 or the first choice for the option. Enter the correct data and press TEST.

If you begin to program the wrong option and you have not yet pressed TEST, press the CHM button to cancel the new data and restore the factory-programmed (default) data. Press TEST to advance to the next option.

If you have already pressed <u>TEST</u>, you must press <u>MUTE</u> to exit the current menu, re-enter the correct menu, and locate the option.

Exiting Menus and Program Mode

When you finish programming options for a particular menu, press MUTE to return to the menu selections.

To exit programming mode, press MUTE once or twice (depending on where you are in the program).

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Resetting the Time

- 1. Press 9 TEST.
- 2. Enter your main access code. The LCD will read TIME HH:MM.
- 3. Enter a 6-digit time setting. The **first** digit is for the day of the week. Choose the number of the day from the list below:

0 - Sunday	4 - Thursday
1 - Monday	5 - Friday
2 - Tuesday	6 - Saturday
3 - Wednesday	

The **second** digit is 0=AM or 1=PM

Enter the **last four digits** as the actual time in hours and minutes. Enter leading zeros before single-digit numbers.

4. Press TEST to enter the new time.

Example: To reset the time for Tuesday 3:15 PM you would enter:

Press MUTE to exit set time mode.

Resetting the Date

The system will automatically prompt you to set the date after setting the time. To set the date without first setting the time,

- 1. Press 8 TEST.
- 2. When the LCD reads DATE?, enter a 6-digit date in MMDDYY format. (Enter leading zeros for single-digit months and days.)

Example: To reset the date for March 25, 1995, you would enter:

3. Press TEST. The system will automatically set the day of the week.

Programming Access Codes

Do NOT program new access codes unless you check first with your installer. He or she will inform you as to which functions and time windows apply to each code. Make sure the system is disarmed and that you are NOT in set time mode.

Users who have programming capabilities can change their own secret codes, or the secret codes for any higher code.

- 1. Press 7 TEST.
- 2. Enter your 4-digit main access code. The display will read CODE:2.
- 3. Enter the number of the code you want to program, and press TEST. The display will show the code number and the most recently programmed secret code (for example, CODE#6: 6666).

To skip to a different code, press CHM followed by the number of the code you want to program. Press TEST. The new code number will appear on the display along with the previously programmed secret code. If no secret code has been programmed, the code number will be shown without a secret code.

4. Press CLR, and then enter the new secret code.

Note: Do not enter leading zeros for codes less than 6 digits in length. For example, the code 005555 is six digits and not the same as the 4-digit code. 5555.

5. Press TEST.

If you are using a high security code, the secret code you program for code #255 will be the high security code. After you press TEST, the program will return to the first code.

To exit the program, press MUTE MUTE.

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Time Windows (Menu 0)

You can specify up to 32 time windows (periods) to control when users can access the system or when arming and disarming can occur. (For example, all users can access the building 8 a.m.-5 p.m., Monday-Friday.) Each time window specifies a week day, starting time, and ending time. Before you begin programming, see page 51 where the time windows you wish to program are recorded.

For auto-arming systems, you can program a delay period that would allow you to cancel the auto-arm or extend the delay period. During the delay, the time remaining is displayed on the touchpads and an audible warning can be heard.

Time window groupings have been pre-set by your installer. You can change individual time periods using Menu 0, or change access code assignments using Menu 1. Talk to your installer for changing window groups.

Enter programming mode (see page 21), then use the following steps to change or assign time windows:

- 1. Press [0] TEST] for the Time Window menu.
- 2. Enter the number of the time window to program and press TEST.
- 3. Enter the start time using the 24-hour clock (military time) and press TEST]. For example, to enter 5 p.m., you would enter 1 7 0 0 TEST.
- 4. Enter the end time in the 24-hour format and press TEST.
- 5. The display shows the days of the week chosen for this time window (a dash indicates a day is not selected). From the table below enter the digit that corresponds to the days you want to assign to the first time window. Pressing the digit selects—or deselects—a day.

Digit	Day	Digit	Day
0	Sunday	4	Thursday
1	Monday	5	Friday
2	Tuesday	6	Saturday
3	Wednesday	7	Holiday

6. Press TEST when you are finished.

Continue programming for as many time windows as you need. If you want to skip past options without making changes, press the TEST button until you reach the time windows you wish to program.

Access (Menu 1)

In this menu, you can select the functions that you want each user (other than the main user) to be able to perform. For each function, an example of the display is shown followed by instructions for entering or changing data.

1. In programming mode (page 21), press TEST for the Access menu.

```
NUMBER:#2
1-ACCESS
```

2. This display indicates for which user code you will be programming options (not the Code 2 feature or the actual 4-6 digit access code). Press TEST to continue programming for user code #2, or enter the number of the user (2-999) that you want, then press TEST.

Note: For each option, remember to press TEST after each selection or to skip to the next option if accepting the default selection.

```
CODE#2:500244
ENTER DIGITS
```

3. Enter the secret code digits for access code (#2).

```
RRS#2:12345678
MUTE-EXIT
```

4. Using buttons 1-8, enter the areas that the code (#2) can access, then press TEST. A displayed digit indicates it has been selected. To deselect a digit, press the number again (a dash will be shown in its place).

```
000R#2:4E5
1-4E5
```

5. Indicate whether or not this user code will be able to gain door access to the areas selected in Step #4.

```
BYPRS5#2:YES
1-YES
```

 When this option is selected, this user code can enable or disable individual intrusion zones. You cannot bypass 24-hour fire and emergency zones. Note that bypassing a zone leaves that zone unprotected.

```
#RM#2:4E5
1-4E5
```

7. When this option is selected, this user code will be able to arm the system when returning to the home or business.

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```
DISARM#2:4ES
1-4ES
```

8. When this option is selected, this user code will be able to disarm the system when returning to the home or business.

```
PROGRAM#2:4E5
1-4E5
```

9. When this option is selected, this user code can program the options described in this manual.

Caution:

Selecting Yes enables this user to change other users' secret codes. Give this option only to people who should have access to the programming menus.

```
C O D E 2#2 : N O
```

10. When this option is selected, secondary users such as housekeepers and baby-sitters can arm the system. If the Code 2 feature is activated (see page 16), secondary users can also disarm the system once.

```
HIGH 5EC#2:NO
O-NO
```

11. When this option is selected, this user code has high security access and must enter both their secret code and the high security code to gain access to any doors. The high security code is code #255.

```
CARD ONL#2:NO
O-NO
```

12. When this option is selected, this user code is programmed as "card only", which means the user can gain access only with the card (not by entering the code on the touchpad).

```
UIN GRP#2:32
0-N0
```

13. Enter the window group during which this code can be used.

If you want a code to be usable all the time, select window group 32. If you want to make it impossible to use a particular code (for example, because the card has been lost), select window group 33.

```
NUMBER:#3
MUTE-EXIT
```

14. Repeat Steps 2-13 for each access code that will be used (through #255). To skip codes, enter the number of the next code desired.

Note: If any codes are selected as high security (Step 11), code #255 must be programmed for high security also. If high security codes are not used, code #255 can be used as a normal access code.

Holidays Menu (Menu 2)

The Holidays menu lets you determine up to 16 days that will be treated as holidays. Certain time windows can be enabled on holidays. For example, a business owner may allow only a few specific users to gain entrance on holidays.

1. In programming mode (page 21), press 2 TEST for the Holidays menu.

```
DATE#1:01/01
2-HOLIDAYS
```

2. Enter the month and day of the first holiday. Use a leading zero for single-digit months. Press TEST.

```
DATE#2:00/00
TEST-ENTER
```

3. Continue programming any other holidays. If you need to change the date of a holiday, press TEST as many times as necessary to locate the holiday, then make the changes.

Note: To disable holidays, press CLR or enter 0 0 /0 0.

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DST Dates (Menu 3)

This menu is for programming the dates the system will be adjusted one hour forward for daylight savings time or one hour back for standard time.

1. In programming mode (page 21), press 3 TEST for the DST Dates menu.

FWD DATE:00/00 3-DST DATES

2. Enter the date that daylight savings time will begin, and press TEST.

BACK DATE:00/00 BYPASS-SHIFT

3. Enter the date that daylight savings time will begin, and press [TEST].

Note: To disable DST dates, press CLR or enter 0 0/0 0.

Testing Your 4724 Security System

Important

Weekly tests are recommended to ensure proper system operation.

Discuss testing with your security company installer to develop the optimum schedule and procedures that will be right for your system and operation.

Testing is required for UL Household Fire (NFPA 72 Central Station Regulations) and is described below. This test must be performed with AC power disconnected. The purpose of this procedure is to ensure that battery malfunctions will be discovered during the test.

Disconnect the AC power transformer by unscrewing the mounting screws that hold the cover in place. Remove the transformer from the wall receptacle to disconnect the AC power from the unit.

Once the test has been completed, reconnect AC power by plugging the transformer into its receptacle. Replace the transformer cover and mounting screws.

Note: While the system transformer is unplugged, the LCD display may read TROUBLE - AC. Press MUTE MUTE to silence. If the touchpad controls more than one area, you must first enter a code and then press MUTE for each area.

To test overall system operation:

- 1. Call and warn your security company's central station that you plan to run a system test.
- 2. Be sure the system is disarmed.
- 3. Press the TEST button followed by your access code.

If all systems are operating properly, all of the touchpad lights will flash, your alarm will sound for a few seconds, and a dialer test will be transmitted to the central station. There are a variety of central station response procedures. Your security company will inform you as to what response you should expect from a test.

Note: The system tests will not test the sensors and detection devices that activate alarms. Be sure to test smoke and other fire detectors regularly, following the procedures provided by the detector manufacturers. Regular tests ensure they are operating properly.

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Section 5. In Case of Trouble

AC Power Failures

During brief power outages in your home or building, your security system will function normally using the rechargeable battery installed in the master control panel.

When the power returns, these batteries will automatically recharge.

In Case of Accidental Activation

In the event that your security system is accidentally activated, do not panic. It is important to cancel the alarm as soon as possible by entering your access code on the nearest touchpad.

If your system is programmed for delayed reporting and you disarm your system before reporting begins, an alarm will not be transmitted to your dealer's central station. Consult your security system for further instructions.

What Happens When an Alarm Occurs?

Important

If you enter your home or building and find an alarm message on the LCD, LEAVE IMMEDIATELY and call your central station or the police.

Should your security system go into an alarm condition, three things will happen:

- A loud audible warning will be heard from all system speakers. The sound will vary depending on the type of alarm. See Audible Alarm descriptions on page 32.
- 2. The touchpad LCD will indicate that an alarm has occurred. You can press MEM to see the type of alarm, its zone number, and location.
- 3. Your security dealer's central monitoring station will be automatically dialed, reporting the nature and location of the alarm. They, in turn, will dispatch the proper authorities to your home or building.

When an alarm occurs in zone programmed for silent alarm, the audible warning and displayed message will NOT occur, but the alarm condition will still be reported to the central station.

Audible Alarms

In conjunction with the optional audio module, the 4660C and 4660R touchpads provide audible indications of alarms, troubles, and exit/entry delays. Your system can also have high volume speakers connected at the main panel. The alarms below are ranked in priority order. See pages 2-3 for more information.

Туре	Sound	Description
Fire	High volume, high pitch pulsing tone	This alarm has precedence over all other alarms. For example, if an intrusion alarm has been sounded, and subsequently a fire condition is detected, the fire alarm will take priority over the intrusion alarm. See page 2 for more information.
Emergency (Panic)	High volume, slowly alternating high/low pitch tone	Triggered manually whenever anyone presses one of the panic keys (POL, FIRE, or AUX on the touchpad).
Intrusion	High-volume, alternating high/low pitch steady tone	An intrusion (or burglary) alarm causes this alarm to sound and sends a report to the central station. See page 2 for more information.
Auxiliary	High-volume, alternating high/low pitch pulsing tone	An auxiliary alarm has the lowest priority if other alarms such as fire, panic, or intrusion are sounding simultaneously. See page 2 for more information.

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Beeper Sounds

The following table describes other audible signals:

Туре	Sound	Description
Alarms	During alarms, the touchpad beeper will beep as the LCD continuously displays affected zones.	
Trouble Condition	A beep once every 4 seconds.	Alerts users to system trouble conditions. (Can be silenced by pressing MUTE MUTE .)
Entry Warning	A beep sounds once each second during countdown.	The touchpad LCD counts down the number of seconds you have left to disarm the system and avoid an alarm.
Exit Warning (Optional)	A short beep sounds each second during countdown.	The touchpad LCD counts down the number of seconds you have to leave the building after arming the system to avoid an alarm.
Door Chime	Low-volume, high-to-low pitch tone similar to a doorbell. Sounds once each time a perimeter sensor is opened or closed.	Two beeps indicate that a door programmed for the chime feature has been opened or closed.
Arm delay	A beep sounds once every 10 seconds until the end of the arm delay time.	

Household Evacuation Plan

It is vital for every household or business to develop and rehearse an evacuation plan in case of fire.

Fire is the third major cause of accidental death. Within minutes from its start, a fire can be deadly. It is important that you draw up and regularly practice a fire evacuation plan to ensure rapid escapes.

- Draw up a floor plan of your home or business, clearly showing at least
 two exits from each room. Since most fire deaths in a home occur
 while a family is sleeping, pay particular attention to bedrooms. Make
 sure that each family member knows the location of the exit nearest his
 or her bedroom. Make sure that each worker knows the location of the
 exit nearest his or her workplace.
- Make sure family members or workers are familiar with and can quickly recognize your system's audible alarm signals. (See page 32.)
- Instruct family members to feel closed doors BEFORE opening them.
 If a door is warm, DO NOT OPEN IT. Use an alternate route, such as through a bedroom window.
- Thick smoke usually accompanies a fire. When moving through smoke, stay as close to the ground as possible, crawling if necessary. It is a good idea to keep a flashlight in a designated place in each room for emergencies.
- Make sure all family members or workers realize that personal belongings can be replaced, but people cannot. Warn them to get out of the building as soon as a fire is detected. Do NOT stop to pack or look for belongings for any reason. Under no condition should anyone return after escaping from a burning building.
- A good evacuation plan should specify a certain meeting place outside the building so that all family members or workers can be accounted for and given medical treatment if necessary.
- Once all family members have safely evacuated the building, call the fire department immediately from a nearby phone. Do NOT stop inside a burning building to call the fire department.
- Once the fire evacuation plan has been drawn up and you have discussed it with your family or workers, you should review and practice it periodically to make sure everyone knows exactly what to do if a fire occurs.

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Section 6. System Messages

Trouble Messages

Your security system is designed to provide you with many years of reliable trouble-free protection, but unforeseen problems may occur. For many problems with a component or zone in your system, a low volume, high-pitched tone will sound and your touchpad LCD will read TROUBLE. After pressing the STAT button, the LCD will show one of the following indications along with the zone number, if appropriate:

1-144 LOCATION Indicates location of a zone with a problem.

AC System has lost AC power.

BATTERY Low battery condition in the control panel or the battery is

disconnected.

DATA LOST Communication failed and an event was not reported to the

central station.

DEFAULT ALL Failure of critical system components. Shut down the

system and call your installation company.

DEVICE 0 Problem with the control panel communicator.

DEVICE 1 Problem with the (optional) printer interface.

DEVICE 2 Zone expander 1 problem.
DEVICE 3 Zone expander 2 problem.

DEVICE 4 Problem with the intercom or telephone module.

DEVICE 5 Problem with the auxiliary control module.

DEVICE 7 Problem with the EEPROM memory.

FAILED Communication to the central station is not working.

LINE 1 Phone line #1 is faulty or needs service.

LINE 2 Phone line #2 is faulty (if your system uses 2 phone lines).

PAPER Onsite printer needs a replacement roll of paper.

TOUCHPAD 1-15 Problem with a particular touchpad unit.

Contact your security company immediately for repairs whenever any of these conditions are indicated. The loss of normal "house power" will also turn off the power light on your control panel.

Error Messages

If operation or programming errors occur, the LCD will display the following messages to explain the problem:

RESTRICTED Either the code entered cannot be used at the touchpad CODE being used or it cannot be used to operate the function that

was attempted.

RESTRICTED

TRY AGAIN

The code entered cannot be used to open the door.

DOOR

RESTRICTED Zone cannot be bypassed (fire or other 24-hour zones

ZONE cannot be bypassed) or turned off.

An invalid code or command was used. You may have

pressed the wrong digit or paused too long while entering a

code. Restart from the beginning.

LCD Displays

The English language LCD will normally display the day and time, plus status and instructions for many status lights and touchpad functions. The LCD will also display the following messages (in addition to trouble and error messages):

#MIN TO ARM The system is preparing to auto-arm the areas. The arm

delay can be extended or stopped after you enter a user code. The touchpad beeps every 10 seconds during the arm

delay.

#SEC TO ALARM Visual countdown of seconds before an alarm will be

sounded and a message is sent to the central monitoring station, after an entry delayed door has been opened. A beep sounds once every second during this delay time.

#SEC TO EXIT (Displays after arming.) Visual countdown of seconds

before end of exit delay. Exit delayed zones are disabled during this period. If programmed to do so, the touchpad beeper will sound once every second until the delay time is up. If a user leaves after the delay time expires, an alarm

will sound.

ALARM The system is in the Area Arm menu (page 17) and the area

shown is in alarm condition.

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ARMED The system is in the Area Arm menu (page 17) and the areas

have been armed.

AUXILIARY A problem with or failure of special sensors installed to

ALARM protect appliances such as furnaces and freezers.

BYPASSED One or more of the zones have been bypassed (turned off so

they do not respond to alarm conditions).

CODE 2 Displayed (Area Arm menu only) - Secondary (temporary)

access codes can be used to disarm the system once.

Not displayed - Secondary access codes cannot be used to

disarm the system.

Use the CODE 2 button to toggle this feature on and off.

FIRE ALARM One or more zones programmed for fire monitoring are in

alarm.

INTRUSION One or more zones programmed for intrusion protection are

ALARM in alarm.

NOT READY The system is in the Area Arm menu (page 17). One or

more zones in the area shown to be armed are in a Not Ready condition (a sensored door or window may be open).

PANIC ALARM A user has activated an alarm to summon the police.

READY The system is in the Area Arm menu (see page 17) and all

zones in the area shown are ready to be armed.

SILENCED A trouble condition alarm has been silenced, but the trouble

still exists in the system.

TAMPER ALARM A zone programmed to detect system tampering is in alarm.

TROUBLE Trouble condition exists in the system (a broken wire, low

battery, loss of system power, and so on).

X-10 Compatible Module Data

Work with your installer to determine which X-10 compatible module will activate each light or appliance (see page 15). For example, if you wanted the front door light to be activated by pressing 11, your installer would configure the system so that FRONT DOOR LIGHT was unit 1 in the first house code. The installer would write FRONT DOOR LIGHT in the first column and the appropriate house code letter in the House Code column.

To Activate		For Installer's F (Do NOT press th	
(Light or Appliance)	Press	House Code	Unit
	111*		1
	12*		2
	13*		3
	14*		4
	15*		5
	16*		6
	17*		7
	18*		8
	19*		9
	20*		10
	21*		11
	22*		12
	23*		13
	2 4 *		14
	2 5 *		15
V 10	26*	M II D	16

X-10 Compatible Module Data continued on next page.

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Note: The $\[\]^*$ and $\[\]$ buttons have the same function.

X-10 Compatible Module Data continued.

To Activate		For Installer's F (Do NOT press th	
(Light or Appliance)	Press	House Code	Unit
	27*		1
	28*		2
	2 9 *		3
	30*		4
	3 1 *		5
	3 2 *		6
	3 3 *		7
	3 4 *		8
	3 5 *		9
	3 6 *		10
	3 7 *		11
	38*		12
	39*		13
	40*		14
	4 1 *		15
	42*		16

System Data

Keep the following information CONFIDENTIAL and stored in a safe place.

System installation company:	
Name of alarm company representative	g:
For service, call:	or
Before testing, call:	or
Your account # is:	
Number of seconds programmed for ex	xit delay: sec
Number of seconds programmed for er	ntry delay:sec
Your main user's code (code 1) is:	
Your high security door access code (c	ode 255) is:
Your duress digits are:	
Your system is custom programmed for	r the following features:
Delayed reporting	Area Arming
Panic (Emergency) Alarm	Card Access Control
Fire and Smoke Detection	On-site Printer
Auxiliary Alarm for:	X-10 Modules

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Touchpad Panic Buttons

Your system touchpad locations and panic alarms are shown below. Y	our
installer has selected police, fire, or auxiliary for each touchpad (see page 1)	age
9). To trigger an alarm, you must press the appropriate key for one sec	cond.

1	9
	10
3	11
4	12
5	13
	14
	15

Zone Information

Zone	Туре	Location	Area
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			

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(Completed by Installer)

Zone	Туре	Location	Area
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			

Zone Information

Zone	Туре	Location	Area
61			
62			
63			
64			
65			
66			
67			
68			
69			
70			
71			
72			
73			
74			
75			
76			
77			
78			
79			
80			
81			
82			
83			
84			
85			
86			
87			
88			
89			
90			- <u></u>

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(Completed by Installer)

Zone	Туре	Location	Area
91			
92			
93			
94			
95			
96			
97			
98			
99			
100			
101			
102			
103			
104			
105			
106	 -		
107			
108	 -		
109			
110			
111			
112			
113			
114			
115			
116			
117			
118	 -		
119			
120	 -		

Zone Information

Zone	Туре	Location	Area
121			
122		- <u></u>	
123			
124			
125			
126			
127			
128			
129			
130			
131			
132			
133			
134			
135			
136			
137			
138			
139			
140			
141			
142			
143			
144			

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Window Groups

The chart on the following pages shows which time windows your installer has assigned to each window group. You can program the starting and ending times for each individual time window. See pages 25-28 for explanations of time windows and window groups, and for programming instructions.

Window Groups

Windo w Group									W	/ind	lows						
0	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
3	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
4	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
5	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
6	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
7	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
8	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
9	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
10	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
11	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
12	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
13	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
14	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
15	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
16	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
17	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
18	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
19	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
20	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
21	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
22	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
24	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
25	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
26	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
27	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
28	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
29	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
30	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
31	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

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(Completed by Installer)

Windows											Window Groups				
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	0
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	2
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	3
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	4
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	5
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	6
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	7
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	8
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	9
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	10
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	11
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	12
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	13
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	14
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	15
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	16
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	17
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	18
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	19
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	20
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	21
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	22
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	23
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	24
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	25
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	26
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	27
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	28
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	29
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	30
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	31

User Programmable Options

This section provides a place for you to keep a record of the various options you have programmed. Fill in these tables before you begin programming.

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Time Windows (Menu 0)

Fill in the starting and ending times for each time window. Circle the days of the week that the time window will be in effect (H = holiday).

Window	Start	End	Days
0			S M T W TH F S H
1			S M T W TH F S H
2			S M T W TH F S H
3			S M T W TH F S H
4			S M T W TH F S H
5			S M T W TH F S H
6			S M T W TH F S H
7			S M T W TH F S H
8			S M T W TH F S H
9			S M T W TH F S H
10			S M T W TH F S H
11			S M T W TH F S H
12			S M T W TH F S H
13			S M T W TH F S H
14			S M T W TH F S H
15			S M T W TH F S H
16			S M T W TH F S H
17			S M T W TH F S H
18			S M T W TH F S H
19			S M T W TH F S H
20			S M T W TH F S H
21			S M T W TH F S H
22			S M T W TH F S H
23			S M T W TH F S H
24			S M T W TH F S H
25			S M T W TH F S H
26			S M T W TH F S H
27			S M T W TH F S H
28			S M T W TH F S H
29			S M T W TH F S H
30			S M T W TH F S H
31			S M T W TH F S H

Access Options (Menu 1)

Your access code assignments are:

Code	Access Code	Assigned To:		Options	
2			Areas	DOOR	BYPASS
3			Areas		BYPASS
4			Areas	DOOR	BYPASS
5			Areas	DOOR	BYPASS
6			Areas		BYPASS
7			Areas		BYPASS
8			Areas	DOOR	BYPASS
9			Areas	DOOR	BYPASS
10			Areas	DOOR	BYPASS
11			Areas	DOOR	BYPASS
12			Areas	DOOR	BYPASS
13			Areas	DOOR	BYPASS
14			Areas	DOOR	BYPASS
15			Areas	DOOR	BYPASS
16			Areas	DOOR	BYPASS
17			Areas	DOOR	BYPASS
18			Areas	DOOR	BYPASS
19			Areas	DOOR	BYPASS
20			Areas	DOOR	BYPASS
21			Areas	DOOR	BYPASS
22			Areas		BYPASS
23			Areas	DOOR	BYPASS
24			Areas	DOOR	BYPASS
25			Areas	DOOR	BYPASS
26			Areas	DOOR	BYPASS
27			Areas	DOOR	BYPASS
28			Areas	DOOR	BYPASS
29			Areas	DOOR	BYPASS
30			Areas		BYPASS
31			Areas	DOOR	BYPASS
32			Areas	DOOR	BYPASS

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Note: The main user's code (code 1) is programmed by the installer. If high security access was selected during installation, code 255 will be the high security code.

				Options			Code
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	2
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	3
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	4
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	5
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	6
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	7
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	8
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	9
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	10
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	11
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	12
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	13
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	14
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	15
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	16
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	17
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	18
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	19
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	20
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	21
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	22
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	23
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	24
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	25
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	26
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	27
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	28
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	29
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	30
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	31
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	32

Code	Access Code	Assigned To:		Options
33			Areas	DOOR BYPASS
34			Areas	DOOR BYPASS
35			Areas	
36			Areas	DOOR BYPASS
37			Areas	DOOR BYPASS
38			Areas	DOOR BYPASS
39			Areas	DOOR BYPASS
40			Areas	DOOR BYPASS
41			Areas	DOOR BYPASS
42			Areas	DOOR BYPASS
43			Areas	DOOR BYPASS
44			Areas	DOOR BYPASS
45			Areas	DOOR BYPASS
46			Areas	
47			Areas	DOOR BYPASS
48			Areas	DOOR BYPASS
49			Areas	DOOR BYPASS
50			Areas	DOOR BYPASS
51			Areas	DOOR BYPASS
52			Areas	DOOR BYPASS
53			Areas	DOOR BYPASS
54			Areas	DOOR BYPASS
55			Areas	DOOR BYPASS
56			Areas	DOOR BYPASS
57			Areas	DOOR BYPASS
58			Areas	DOOR BYPASS
59			Areas	DOOR BYPASS
60			Areas	DOOR BYPASS
61			Areas	DOOR BYPASS
62			Areas	
63			Areas	DOOR BYPASS
64			Areas	DOOR BYPASS

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				Options			Code
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	33
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	34
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	35
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	36
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	37
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	38
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	39
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	40
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	41
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	42
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	43
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	44
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	45
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	46
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	47
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	48
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	49
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	50
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	51
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	52
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	53
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	54
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	55
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	56
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	57
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	58
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	59
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	60
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	61
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	62
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	63
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	64

Code	Access Code	Assigned To:		Options	
65			Areas	DOOR	BYPASS
66			Areas	DOOR	BYPASS
67			Areas	DOOR	BYPASS
68			Areas		BYPASS
69			Areas	DOOR	BYPASS
70			Areas	DOOR	BYPASS
71			Areas	DOOR	BYPASS
72			Areas	DOOR	BYPASS
73			Areas	DOOR	BYPASS
74			Areas	DOOR	BYPASS
75			Areas	DOOR	BYPASS
76			Areas	DOOR	BYPASS
77			Areas	DOOR	BYPASS
78			Areas	DOOR	BYPASS
79			Areas	DOOR	BYPASS
80			Areas	DOOR	BYPASS
81			Areas	DOOR	BYPASS
82			Areas		BYPASS
83			Areas		BYPASS
84			Areas	DOOR	BYPASS
85			Areas	DOOR	BYPASS
86			Areas	DOOR	BYPASS
87			Areas	DOOR	BYPASS
88			Areas	DOOR	BYPASS
89			Areas	DOOR	BYPASS
90			Areas	DOOR	BYPASS
91			Areas	DOOR	BYPASS
92			Areas	DOOR	BYPASS
93			Areas	DOOR	BYPASS
94			Areas	DOOR	BYPASS
95			Areas	DOOR	BYPASS
96			Areas	DOOR	BYPASS

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				Options			Code
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	65
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	66
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	67
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	68
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	69
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	70
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	71
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	72
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	73
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	74
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	75
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	76
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	77
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	78
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	79
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	80
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	81
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	82
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	83
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	84
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	85
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	86
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	87
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	88
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	89
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	90
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	91
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	92
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	93
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	94
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	95
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	96

Code	Access Code	Assigned To:		Options
97			Areas	DOOR BYPASS
98			Areas	DOOR BYPASS
99			Areas	DOOR BYPASS
100			Areas	
101			Areas	DOOR BYPASS
102			Areas	DOOR BYPASS
103			Areas	DOOR BYPASS
104			Areas	DOOR BYPASS
105			Areas	DOOR BYPASS
106			Areas	DOOR BYPASS
107			Areas	DOOR BYPASS
108			Areas	DOOR BYPASS
109			Areas	DOOR BYPASS
110			Areas	DOOR BYPASS
111			Areas	DOOR BYPASS
112			Areas	DOOR BYPASS
113			Areas	DOOR BYPASS
114			Areas	DOOR BYPASS
115			Areas	
116			Areas	DOOR BYPASS
117			Areas	DOOR BYPASS
118			Areas	DOOR BYPASS
119			Areas	DOOR BYPASS
120			Areas	DOOR BYPASS
121			Areas	DOOR BYPASS
122			Areas	DOOR BYPASS
123			Areas	DOOR BYPASS
124			Areas	DOOR BYPASS
125			Areas	DOOR BYPASS
126			Areas	DOOR BYPASS
127			Areas	DOOR BYPASS
128			Areas	DOOR BYPASS

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				Options			Code
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	97
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	98
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	99
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	100
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	101
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	102
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	103
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	104
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	105
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	106
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	107
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	108
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	109
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	110
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	111
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	112
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	113
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	114
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	115
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	116
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	117
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	118
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	119
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	120
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	121
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	122
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	123
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	124
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	125
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	126
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	127
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	128

Code	Access Code	Assigned To:		Options
129			Areas	DOOR BYPASS
130			Areas	DOOR BYPASS
131			Areas	
132			Areas	DOOR BYPASS
133			Areas	DOOR BYPASS
134			Areas	DOOR BYPASS
135			Areas	DOOR BYPASS
136			Areas	DOOR BYPASS
137			Areas	DOOR BYPASS
138			Areas	DOOR BYPASS
139			Areas	DOOR BYPASS
140			Areas	DOOR BYPASS
141			Areas	DOOR BYPASS
142			Areas	
143			Areas	DOOR BYPASS
144			Areas	DOOR BYPASS
145			Areas	DOOR BYPASS
146			Areas	DOOR BYPASS
147			Areas	DOOR BYPASS
148			Areas	DOOR BYPASS
149			Areas	DOOR BYPASS
150			Areas	DOOR BYPASS
151			Areas	DOOR BYPASS
152			Areas	DOOR BYPASS
153			Areas	DOOR BYPASS
154			Areas	DOOR BYPASS
155			Areas	DOOR BYPASS
156			Areas	DOOR BYPASS
157			Areas	
158			Areas	
159			Areas	DOOR BYPASS
160			Areas	DOOR BYPASS

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				Options			Code
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	129
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	130
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	131
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	132
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	133
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	134
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	135
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	136
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	137
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	138
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	139
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	140
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	141
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	142
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	143
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	144
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	145
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	146
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	147
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	148
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	149
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	150
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	151
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	152
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	153
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	154
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	155
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	156
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	157
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	158
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	159
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	160

Code	Access Code	Assigned To:		Options
161			Areas	DOOR BYPASS
162			Areas	DOOR BYPASS
163			Areas	
164			Areas	DOOR BYPASS
165			Areas	DOOR BYPASS
166			Areas	DOOR BYPASS
167			Areas	DOOR BYPASS
168			Areas	DOOR BYPASS
169			Areas	DOOR BYPASS
170			Areas	DOOR BYPASS
171			Areas	DOOR BYPASS
172			Areas	DOOR BYPASS
173			Areas	DOOR BYPASS
174			Areas	
175			Areas	DOOR BYPASS
176			Areas	DOOR BYPASS
177			Areas	DOOR BYPASS
178			Areas	DOOR BYPASS
179			Areas	DOOR BYPASS
180			Areas	DOOR BYPASS
181			Areas	DOOR BYPASS
182			Areas	DOOR BYPASS
183			Areas	DOOR BYPASS
184			Areas	DOOR BYPASS
185			Areas	DOOR BYPASS
186			Areas	DOOR BYPASS
187			Areas	DOOR BYPASS
188			Areas	DOOR BYPASS
189			Areas	DOOR BYPASS
190			Areas	
191			Areas	DOOR BYPASS
192			Areas	DOOR BYPASS

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				Options			Code
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	161
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	162
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	163
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	164
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	165
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	166
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	167
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	168
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	169
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	170
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	171
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	172
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	173
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	174
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	175
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	176
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	177
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	178
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	179
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	180
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	181
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	182
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	183
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	184
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	185
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	186
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	187
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	188
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	189
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	190
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	191
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	192

Code	Access Code	Assigned To:		Options	
193			Areas	DOOR BYPAS	S
194			Areas	DOOR BYPAS	S
195			Areas		S
196			Areas	DOOR BYPAS	S
197			Areas	DOOR BYPAS	S
198			Areas	DOOR BYPAS	S
199			Areas	DOOR BYPAS	S
200			Areas	DOOR BYPAS	S
201			Areas	DOOR BYPAS	S
202			Areas	DOOR BYPAS	S
203			Areas	DOOR BYPAS	S
204			Areas	DOOR BYPAS	S
205			Areas	DOOR BYPAS	S
206			Areas		S
207			Areas	DOOR BYPAS	S
208			Areas	DOOR BYPAS	S
209			Areas	DOOR BYPAS	S
210			Areas	DOOR BYPAS	S
211			Areas	DOOR BYPAS	S
212			Areas	DOOR BYPAS	S
213			Areas	DOOR BYPAS	S
214			Areas	DOOR BYPAS	S
215			Areas	DOOR BYPAS	S
216			Areas	DOOR BYPAS	S
217			Areas	DOOR BYPAS	S
218			Areas	DOOR BYPAS	S
219			Areas	DOOR BYPAS	S
220			Areas	DOOR BYPAS	S
221			Areas		S
222			Areas		S
223			Areas	DOOR BYPAS	S
224			Areas	DOOR BYPAS	S

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				Options			Code
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	193
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	194
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	195
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	196
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	197
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	198
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	199
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	200
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	201
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	202
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	203
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	204
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	205
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	206
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	207
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	208
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	209
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	210
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	211
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	212
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	213
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	214
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	215
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	216
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	217
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	218
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	219
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	220
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	221
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	222
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	223
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	224

Code	Access Code	Assigned To:		Options
225			Areas	DOOR BYPASS
226			Areas	DOOR BYPASS
227			Areas	DOOR BYPASS
228			Areas	DOOR BYPASS
229			Areas	DOOR BYPASS
230			Areas	DOOR BYPASS
231			Areas	DOOR BYPASS
232			Areas	DOOR BYPASS
233			Areas	DOOR BYPASS
234			Areas	DOOR BYPASS
235			Areas	DOOR BYPASS
236			Areas	DOOR BYPASS
237			Areas	DOOR BYPASS
238			Areas	
239			Areas	DOOR BYPASS
240			Areas	DOOR BYPASS
241			Areas	DOOR BYPASS
242			Areas	
243			Areas	DOOR BYPASS
244			Areas	DOOR BYPASS
245			Areas	DOOR BYPASS
246			Areas	
247			Areas	DOOR BYPASS
248			Areas	DOOR BYPASS
249			Areas	DOOR BYPASS
250			Areas	DOOR BYPASS
251			Areas	
252			Areas	DOOR BYPASS
253			Areas	DOOR BYPASS
254			Areas	
255			Areas	DOOR BYPASS

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				Options			Code
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	225
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	226
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	227
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	228
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	229
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	230
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	231
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	232
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	233
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	234
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	235
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	236
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	237
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	238
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	239
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	240
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	241
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	242
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	243
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	244
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	245
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	246
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	247
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	248
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	249
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	250
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	251
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	252
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	253
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	254
ARM	DISARM	PROG	CODE 2	HI SEC	CARD ONLY	WIN GRP	255

Holidays (Menu 2)

Holiday #	Date
1	/
2	/
3	/
4	/
5	/
6	/
7	/
8	/

Holiday #	Date
9	/
10	/
11	/
12	/
13	/
14	/
15	/
16	/

DST Dates (Menu 3)

(Daylight Savings Time)

Forward Date	/
Back Date	/

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Limited Warranty

The manufacturer warrants that the products of its manufacture shall be free from defects in materials or workmanship for one year from the date on the panel if such goods have been properly installed, are subject to normal use, and have not been modified in any manner whatsoever. Upon return of a defective product to your alarm installer, the manufacturer will, at its sole discretion, either repair or replace, at no cost to the customer, such goods as may be of defective material or workmanship. Customers outside the United States are to return products to their distributor to repair.

The manufacturer shall not under any circumstances be liable for any incidental or consequential damages arising from loss of property or other damage or losses owing to the failure of the manufacturers' products beyond the cost of repair or replacement of any defective products.

The manufacturer makes no warranty of fitness or merchantability and no other warranty, oral or written, express or implied, beyond the oneyear warranty expressly specified herein.